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**TECHNICAL SPECIFICATION**

**EPOXY PUTTY**



**TECHNICAL SPECIFICATION:** Oatey Epoxy Putty is a multi-purpose sealing, patching and mending compound. The two-part epoxy putty stick can repair leaks, holes or cracks in materials such as plastics, metals, fiberglass, concrete or ceramics. Epoxy Putty can be machined, drilled or tapped using metalworking tools.



**PHYSICAL/CHEMICAL PROPERTIES\***

Appearance	Dark Gray/Light Gray Stick
Cured Shrinkage	0.0030 in./in.
Temperature Resistance	Dry: 250° F/Wet: 125° F
Coverage/lb	61 in <sup>2</sup> @ 1/4"
Cured Hardness	84 Shore D @ 60 minutes
Dielectric Strength	300 volts/mils
Dielectric Constant	28.1
Adhesive Tensile Shear	Dry: 880 psi/Underwater 766 psi
Compressive Strength	12,000 psi
Modulus of Elasticity	7.0 psi @ 10 <sup>5</sup> in.
Flexural Strength	4,280 psi
Coefficient of Thermal Expansion	7.0 [(in/in x F)] x 10 <sup>-6</sup>
Mixing Time	1 minute
Working Time	2-3 minutes

*\*Not to be used for specification purposes*

**DIRECTIONS FOR USE**

Clean and dry all surfaces to be repaired. Smooth surfaces should be roughened by sanding or filing prior to application of putty. Twist or cut off required amount of putty. Roll and knead putty until color is uniform gray in color with no streaks. Apply mixed putty to surface, forcing into cracks or holes. Remove any excess material before hardening begins. For use in wet or damp areas, work the material forcefully into the area and apply pressure until adhesion occurs. Full cure will occur in 24 hours. Place remaining product into plastic seal wrap and store in sealed container to extend shelf life.

**PRECAUTIONS**

Read all cautions and directions carefully before using this product. Wear gloves when working with this product. May cause irritation to eyes or skin. In case of eye or skin contact, flush with water and call physician if irritation persists. This product is not for use in structural applications. Do not use in or on aquariums. Do not expose to open flame. When sanding cured Epoxy Putty, wear safety glasses with side shields and dust mask. Do not smoke, eat or drink while using Epoxy Putty. Keep container closed when not in use. **DO NOT REUSE EMPTY CONTAINER. KEEP OUT OF REACH OF CHILDREN.**

Refer to material safety data sheet for more information. For emergency first aid help, call 1-303-623-5716 COLLECT.

**COMMON APPLICATIONS**

Oatey Epoxy Putty adheres to many materials including PVC, CPVC, ABS, wood, metal. Used to repair, rebuild or seal parts. After curing, Epoxy Putty can be drilled, filed, sanded, painted and machined.

Consult Oatey Technical Department for applications not specifically referenced above.

**INGREDIENTS (CAS Number)**

- Crystalline Silica (14808-60-7)
- Bisphenol A diglycidyl ether resin (25068-38-6)
- Glass Oxide (65997-17-3)
- Mercaptan Amine Blend (Non-Hazardous Trade Secret)
- Iron (Non-Hazardous 7439-89-6)
- Magnesium Silicate Hydrate (Non-Hazardous 14807-96-6)

PRODUCT NUMBER	DESCRIPTION	PACK	CARTON WEIGHT
31270	4 oz. Epoxy Putty – Display	24	8 lbs.